

L1	50	(US-20020001695-\$ or US-20020172969-\$ or US-20030186027-\$ or US-20040077074-\$ or US-20020166768-\$).did. or (US-5203401-\$ or US-5560811-\$ or US-5571410-\$ or US-5603351-\$ or US-5840256-\$ or US-5876675-\$ or US-5890745-\$ or US-5932315-\$ or US-6062681-\$ or US-6090251-\$ or US-6093362-\$ or US-6123316-\$ or US-6130098-\$ or US-6143152-\$ or US-6148508-\$ or US-6149787-\$ or US-6167910-\$ or US-6224830-\$ or US-6290791-\$ or US-6379929-\$ or US-6438279-\$ or US-6444474-\$ or US-6447661-\$ or US-6534013-\$ or US-6605472-\$ or US-6638482-\$).did. or (US-6267769-\$ or US-5935430-\$ or US-6110332-\$ or US-6170981-\$ or US-5992820-\$ or US-6240790-\$ or US-6068780-\$ or US-5877580-\$ or US-5726751-\$ or US-6051331-\$ or US-5727618-\$).did. or (WO-9805424-\$ or WO-9845481-\$ or WO-9910735-\$).did. or (EP-527905-\$ or WO-9805424-\$ or US-5989402-\$ or US-5882465-\$ or US-5677265-\$).did.	US-PGPU B; USPAT; EPO; DERWEN T	OR	OFF	2005/08/09 20:22
Search History 8/9/05 US-5882465-\$ or C:\Documents and Settings\A Olsen\My Documents\EAST\Workspaces\09 series\!09966863.wsp US-5677265-\$).did.						

L2	28	1 and (drill\$3 tool)	US-PGPU B; USPAT; EPO; JPO; DERWEN T; IBM_TDB	OR	OFF	2005/08/09 20:23
L3	25	1 and drill\$3	US-PGPU B; USPAT; EPO; JPO; DERWEN T; IBM_TDB	OR	OFF	2005/08/09 20:37
L4	0	1 and alignment adj mark	US-PGPU B; USPAT; EPO; JPO; DERWEN T; IBM_TDB	OR	OFF	2005/08/09 20:56
L5	2339	drill\$3 same ((alignment adj mark) (pilot adj hole))	US-PGPU B; USPAT; EPO; JPO; DERWEN T; IBM_TDB	OR	OFF	2005/08/09 20:51
L6	1	(microfluid\$3 micro-fluid\$3 micro adj fluid\$3 microchannel\$3 micro-channel\$3 micro adj channel\$3 microcapillary micro-capillary micro adj capillary) and 5	US-PGPU B; USPAT	OR	ON	2005/08/09 20:41

L7	18	(microfluid\$3 micro-fluid\$3 micro adj fluid\$3 microchannel\$3 micro-channel\$3 micro adj channel\$3 microcapillary micro-capillary micro adj capillary center\$3 adj punch\$3) and 5	US-PGPU B; USPAT	OR	ON	2005/08/09 20:53
L8	485	drill\$3 same ((alignment adj mark) (pilot adj hole))	EPO; JPO; DERWEN T; IBM_TDB	OR	OFF	2005/08/09 20:49
L9	439	drill\$3 with ((alignment adj mark) (pilot adj hole))	EPO; JPO; DERWEN T; IBM_TDB	OR	OFF	2005/08/09 20:49
L10	1670	drill\$3 with ((alignment adj mark) (pilot adj hole))	US-PGPU B; USPAT	OR	OFF	2005/08/09 20:50
L11	2514	drill\$3 same ((alignment adj mark) ((guide pilot) adj hole) (center\$3 adj punch\$3))	US-PGPU B; USPAT	OR	OFF	2005/08/09 20:54
L12	1013	drill\$3 same ((alignment adj mark) ((guide pilot) adj hole) (center\$3 adj punch\$3))	EPO; JPO; DERWEN T; IBM_TDB	OR	OFF	2005/08/09 20:53
L13	1	(microfluid\$3 micro-fluid\$3 micro adj fluid\$3 microchannel\$3 micro-channel\$3 micro adj channel\$3 microcapillary micro-capillary micro adj capillary) and 10	US-PGPU B; USPAT	OR	ON	2005/08/09 20:53
L14	1	(microfluid\$3 micro-fluid\$3 micro adj fluid\$3 microchannel\$3 micro-channel\$3 micro adj channel\$3 microcapillary micro-capillary micro adj capillary) and 11	US-PGPU B; USPAT	OR	ON	2005/08/09 20:53

L15	0	(microfluid\$3 micro-fluid\$3 micro adj fluid\$3 microchannel\$3 micro-channel\$3 micro adj channel\$3 microcapillary micro-capillary micro adj capillary) and 12	US-PGPU B; USPAT	OR	ON	2005/08/09 20:53
L16	31	1 and alignment	US-PGPU B; USPAT; EPO; JPO; DERWEN T; IBM_TDB	OR	OFF	2005/08/09 21:49
L17	38	1 and align\$4	US-PGPU B; USPAT; EPO; JPO; DERWEN T; IBM_TDB	OR	OFF	2005/08/09 20:56
L18	24	17 and drill\$3	US-PGPU B; USPAT; EPO; JPO; DERWEN T; IBM_TDB	OR	OFF	2005/08/09 21:02
L19	24	17 and drill\$3 and align\$4	US-PGPU B; USPAT; EPO; JPO; DERWEN T; IBM_TDB	OR	OFF	2005/08/09 21:48

L20	1	17 and drill\$3 near align\$4	US-PGPU B; USPAT; EPO; JPO; DERWEN T; IBM_TDB	OR	OFF	2005/08/09 21:04
L21	312	caliper.asn.	US-PGPU B; USPAT	OR	OFF	2005/08/09 21:49
L22	159	21 and align\$4	US-PGPU B; USPAT; EPO; JPO; DERWEN T; IBM_TDB	OR	OFF	2005/08/09 21:49
L23	113	21 and drill\$3	US-PGPU B; USPAT; EPO; JPO; DERWEN T; IBM_TDB	OR	OFF	2005/08/09 21:49
L24	66	21 and drill\$3 and align\$4	US-PGPU B; USPAT; EPO; JPO; DERWEN T; IBM_TDB	OR	OFF	2005/08/09 21:50
L25	5	21 and drill\$3 with align\$4	US-PGPU B; USPAT; EPO; JPO; DERWEN T; IBM_TDB	OR	OFF	2005/08/09 21:52

L26	9	21 and drill\$3 same align\$4	US-PGPU B; USPAT; EPO; JPO; DERWEN T; IBM_TDB	OR	OFF	2005/08/09 21:50
L27	4	26 not 25	US-PGPU B; USPAT; EPO; JPO; DERWEN T; IBM_TDB	OR	OFF	2005/08/09 21:54
L28	57	24 not 26	US-PGPU B; USPAT; EPO; JPO; DERWEN T; IBM_TDB	OR	OFF	2005/08/09 21:55
S1	2	("6322683").PN.	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB	OR	OFF	2005/08/09 14:15

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S62	26	((microfluid\$3 micro-fluid\$3 micro adj fluid\$3) (microchannel\$3 micro-channel\$3 micro adj channel\$3) (microcapillary micro-capillary micro adj capillary)) and (alignment) with drill\$3	US-PGPU B; USPAT	OR	ON	2005/08/09 14:31
S63	0	((microfluid\$3 micro-fluid\$3 micro adj fluid\$3) (microchannel\$3 micro-channel\$3 micro adj channel\$3) (microcapillary micro-capillary micro adj capillary)) and (alignment) with drill\$3	EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/09 14:26
S64	0	((microfluid\$3 micro-fluid\$3 micro adj fluid\$3) (microchannel\$3 micro-channel\$3 micro adj channel\$3) (microcapillary micro-capillary micro adj capillary)) and (alignment) and drill\$3	EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/09 14:27
S65	21	((microfluid\$3 micro-fluid\$3 micro adj fluid\$3) (microchannel\$3 micro-channel\$3 micro adj channel\$3) (microcapillary micro-capillary micro adj capillary)) and drill\$3	EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/09 15:39
S66	44	((microfluid\$3 micro-fluid\$3 micro adj fluid\$3) (microchannel\$3 micro-channel\$3 micro adj channel\$3) (microcapillary micro-capillary micro adj capillary)) and (alignment) same drill\$3 not S62	US-PGPU B; USPAT	OR	ON	2005/08/09 15:22

S67	1548	((microfluid\$3 micro-fluid\$3 micro adj fluid\$3 microchannel\$3 micro-channel\$3 micro adj channel\$3 microcapillary micro-capillary micro adj capillary) and drill\$3 not (S62 S66))	US-PGPU B; USPAT	OR	ON	2005/08/09 15:24
S68	976	((microfluid\$3 micro-fluid\$3 micro adj fluid\$3 microchannel\$3 micro-channel\$3 micro adj channel\$3 microcapillary micro-capillary micro adj capillary) and align\$4 and drill\$3 not (S62 S66))	US-PGPU B; USPAT	OR	ON	2005/08/09 20:39
S69	132	((microfluid\$3 micro-fluid\$3 micro adj fluid\$3 microchannel\$3 micro-channel\$3 micro adj channel\$3 microcapillary micro-capillary micro adj capillary) and align\$4 same drill\$3 not (S62 S66))	US-PGPU B; USPAT	OR	ON	2005/08/09 15:24
S70	65	((microfluid\$3 micro-fluid\$3 micro adj fluid\$3 microchannel\$3 micro-channel\$3 micro adj channel\$3 microcapillary micro-capillary micro adj capillary) and align\$4 with drill\$3 not (S62 S66))	US-PGPU B; USPAT	OR	ON	2005/08/09 15:50
S71	5	((microfluid\$3 micro-fluid\$3 micro adj fluid\$3 microchannel\$3 micro-channel\$3 micro adj channel\$3 microcapillary micro-capillary micro adj capillary) same align\$4 with drill\$3 not (S62 S66))	US-PGPU B; USPAT	OR	ON	2005/08/09 15:25
S72	60	S70 not S71	US-PGPU B; USPAT	OR	ON	2005/08/09 15:40

S74	7	align\$4 with drill\$3 with center adj punch\$3	US-PGPU B; USPAT	OR	ON	2005/08/09 15:48
S75	2317	align\$4 near (mark\$3 hole feature structure) with etch\$3	US-PGPU B; USPAT	OR	ON	2005/08/09 15:49
S76	517	align\$4 near (mark\$3 hole feature structure) near etch\$3	US-PGPU B; USPAT	OR	ON	2005/08/09 15:50
S77	495	align\$4 adj (mark\$3 hole feature structure) near etch\$3	US-PGPU B; USPAT	OR	ON	2005/08/09 15:50
S78	64	(microfluid\$3 micro-fluid\$3 micro adj fluid\$3 microchannel\$3 micro-channel\$3 micro adj channel\$3 microcapillary micro-capillary micro adj capillary) and S75	US-PGPU B; USPAT	OR	ON	2005/08/09 15:50